

SECRET

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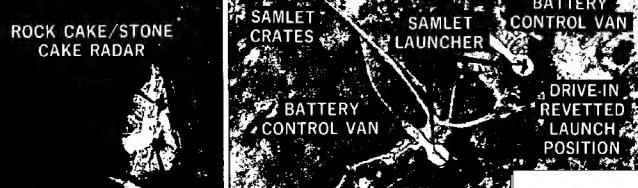
25X1

**EXPANSION OF AIR WARNING FACILITIES
SANTA CRUZ DEL NORTE, CUBA
23-09N 081-56W**

25X1

25X1

25X1



BAR LOCK RADAR

GENERATOR VAN

CAMOUFLAGE NETTING

POSSIBLE SPOON REST RADAR

PROBABLE SPOON REST RADAR

RECONSTRUCTED FORMER LAUNCH POSITIONS

M-5974 (3/69) MPIC

0 50
FEET (METERS)

SECRET

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REFERENCE TO: GLASS LAMP

EXPANSION OF AIR WARNING FACILITIES,
SANTA CRUZ DEL NORTE, CUBA

25X1

1. SIGNIFICANCE: CONVERSION OF CRUISE MISSILE LAUNCH REVETMENTS AT SANTA CRUZ DEL NORTE CRUISE MISSILE SITE TO ACCOMMODATE AIR WARNING RADARS.
2. LOCATION: 0.9 NM WSW OF SANTA CRUZ DEL NORTE AT 23-09N 081-56W.
3. REMARKS: RECONSTRUCTED LAUNCH REVETMENTS AT SANTA CRUZ DEL NORTE CRUISE MISSILE SITE ARE OCCUPIED BY ONE PROBABLE AND ONE POSSIBLE SPOON REST ACQUISITION RADARS. THESE RADARS ARE PROBABLY ASSOCIATED WITH A BAR LOCK RADAR AND A ROCK CAKE OR STONE CAKE RADAR AT SANTA CRUZ DEL NORTE AW RADAR FACILITY 2 LOCATED 1,450 FT WSW. THE PRESENCE OF THESE RADARS IN THE SANTA CRUZ DEL NORTE VICINITY AUGMENTS CUBA'S AIR WARNING CAPABILITIES. SANTA CRUZ DEL NORTE CRUISE MISSILE SITE WAS ACTIVE UNTIL PHOTOGRAPHY OF

SHOWED IT WAS EVACUATED. PHOTOGRAPHY

25X1

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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OF [] SHOWED THAT THE SITE WAS REOCCUPIED 25X1

AND IT REMAINED OPERATIONAL UNTIL PHOTOGRAPHY

OF [] SHOWED THE LAUNCH POSITIONS AND THE 25X1

GUIDANCE AREA VACATED. SINCE THAT DATE NO

MISSILES OR MISSILE-RELATED EQUIPMENT HAVE BEEN

OBSERVED. ON [] A POSSIBLE SPOON REST 25X1

RADAR WITH GENERATOR VAN WAS OBSERVED IN THE

WESTERN LAUNCH REVETMENT.

4. IMAGERY ANALYSIS:

THE TWO REVETTED LAUNCH POSITIONS AT SANTA CRUZ
DEL NORTE CRUISE MISSILE SITE HAVE BEEN RECON-
STRUCTED AND ARE NOW DRIVE THROUGH-TYPE REVETMENTS.

A PROBABLE SPOON REST RADAR AND CAMOUFLAGE
NETTING WERE OBSERVED WITHIN THE WESTERNMOST
REVETMENT, AND A POSSIBLE SPOON REST RADAR WITH
A GENERATOR VAN WERE OBSERVED WITHIN THE OTHER
REVETMENT ON NONSTEREO PHOTOGRAPHY OF []

[] AND STEREO PHOTOGRAPHY OF []

THESE RADARS ARE PROBABLY ASSOCIATED

WITH THE RECENTLY ESTABLISHED SANTA CRUZ DEL
NORTE AIR WARNING RADAR FACILITY 2 AT 23-08-55N

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081-56-35W [REDACTED] APPROXIMATELY 25X1

1,450 FEET WSW, WHERE A BAR LOCK RADAR AND
A ROCK CAKE OR STONE CAKE RADAR ARE SITUATED
ON NEWLY CONSTRUCTED MOUNDS. THESE FOUR
RADARS WERE PROBABLY PRESENT AS EARLY AS

[REDACTED]

25X1

AT SANTA CRUZ DEL NORTE AIR WARNING RADAR
FACILITY 23-08-42N 081-55-54W [REDACTED] 25X1

0.5 NM SE OF THE FORMER LAUNCH POSITIONS,
RADAR WAS LAST OBSERVED ON [REDACTED] 25X1
THIS FACILITY WAS SUBSEQUENTLY VACATED AND
MOUNDS WERE OBSERVED UNDER CONSTRUCTION THERE
ON [REDACTED] THESE MOUNDS WERE 25X1
PROBABLY COMPLETED, BUT THEY WERE UNOCCUPIED
ON [REDACTED] 25X1

[REDACTED]

25X1

25X1

ENLARGEMENT FACTOR 20 X

INSET 20 X

IEG/WGD

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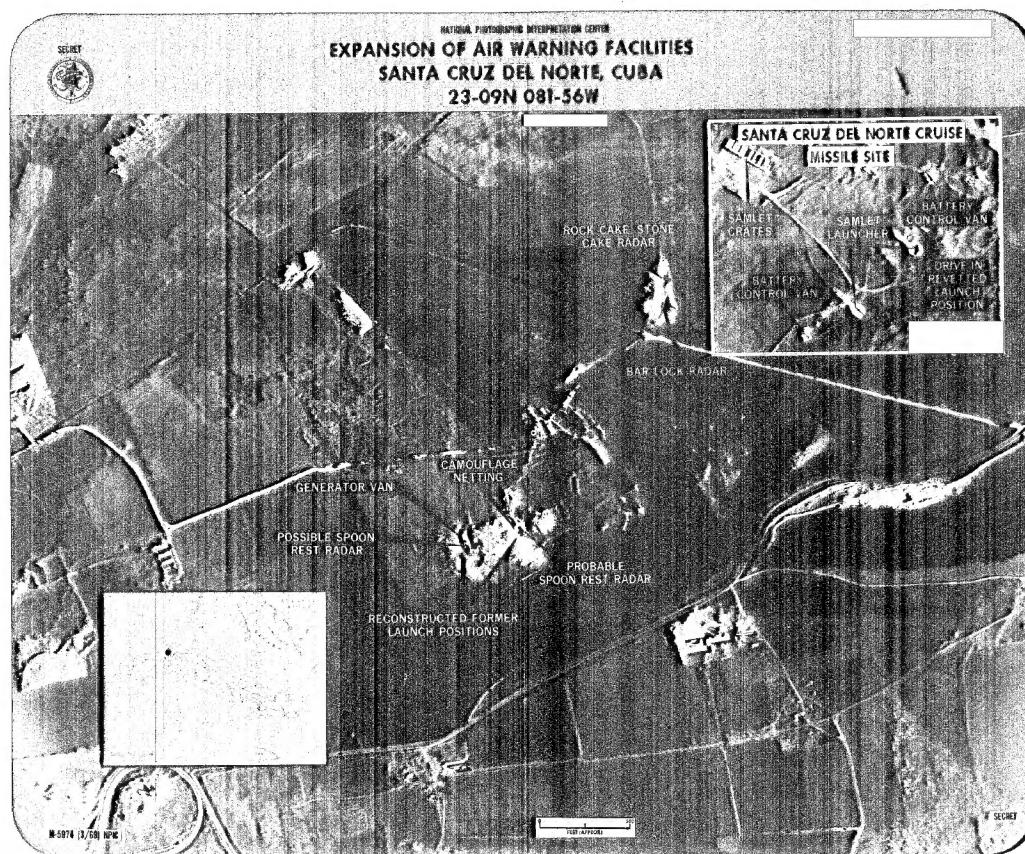
M 5974 /69

NPIC CONTROL NUMBER

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NATIONAL SUBSTANTIVE
BRIEFING AIDS
COLLECTION

RETURN TO:
BRIEFING AIDS UNIT
ROOM 4S-473G



25X1

25X1

25X1

25X1